

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S4	219	stratospheric adj platform	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/22 12:06
S5	189	wireless and stratospheric	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/22 12:11
S11	7	stratospheric near30 payload and stratospheric near30 phased near3 antenna and stratospheric near30 array near3 antenna and (plural\$5 multipl \$4 second) adj beam \$3 and (gateway gate adj way (base ground) adj station)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/22 12:17
S12	25	stratospheric and stratospheric near30 phased near3 antenna and stratospheric near30 array near3 antenna and (plural\$5 multipl \$4 second) adj beam \$3 and (gateway gate adj way (base ground) adj station)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/22 12:21
S14	17	S12 not S11	USPAT	OR	ON	2009/08/22 12:21

S15	32	stratospheric and stratospheric near30 phased near3 antenna and stratospheric near30 array near3 antenna and (gateway gate adj way (base ground) adj station)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/22 12:23
S16	7	S15 not S11 not S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/22 12:23
S17	44	stratospheric and stratospheric near30 phased near3 antenna and stratospheric near30 array near3 antenna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/22 12:24
S18	12	S17 not S15 not S11 not S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/22 12:24
S19	17	stratospheric near12 satellite and satellite near30 phased near3 antenna and stratospheric near30 array near3 antenna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/22 12:26
S23	25	stratospheric near22 satellite and (stratospheric satellite) near30 phased near3 antenna and stratospheric near30 array near3 antenna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/22 12:33
S24	25	stratospheric\$3 near22 satellite and (stratospheric\$3 satellite) near30 phased near3 antenna and stratospheric near30 array near3 antenna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/22 12:33

S25	25	stratospheric\$3 near22 satellite and (stratospheric\$3 satellite) near30 phased near3 antenna and stratospheric\$3 near30 array near3 antenna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/22 12:33
S26	25	stratospheric\$3 near22 satellite and (stratospheric\$3 satellite) near30 phased near3 antenna and (stratospheric\$3 satellite) near30 array near3 antenna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/22 12:43
S27	25	stratospheric\$3 near22 satellite and (stratospheric\$3 satellite) near30 phased near3 antenna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/22 12:44
S28	54	(stratospheric\$3) near30 array near3 antenna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/22 12:44
S29	46	(stratospheric\$3) near30 phase\$3 near3 antenna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/22 12:44
S30	165	stratospheric and (gateway gate adj way (base ground) adj station)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/22 12:46
S31	89	stratospheric and (gateway gate adj way (base ground) adj station)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/22 12:47

S33	2	("05,765,098" "05,966,371" "06,157,685") and satellite	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/23 05:47
S34	90	stratospheric near12 satellite	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/23 05:48
S35	52	stratospheric adj12 satellite	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/23 05:48
S45	260	(aircraft platform airship fly\$5 airplane baloon air-craft plat- form air-ship air- plane baloon airborne air-bone) near3 antenna and array near3 antenna and (aircraft platform fly \$4 airship airplane baloon air-craft plat- form air-ship air- plane baloon airborne air-bone) near30 (gateway gate adj way (base ground) adj station)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/23 06:04
S46	155	(aircraft platform airship fly\$5 airplane baloon air-craft plat- form air-ship air- plane baloon airborne air-bone) near3 antenna and array near3 antenna and (aircraft platform fly \$4 airship airplane baloon air-craft plat- form air-ship air- plane baloon airborne air-bone) near30 (gateway gate adj way (base ground) adj station)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/23 06:05

S47	15	(aircraft platform airship fly\$5 airplane baloon air-craft plat- form air-ship air- plane baloon airborne air-bone) near3 antenna and array near3 antenna and (aircraft platform fly \$4 airship airplane baloon air-craft plat- form air-ship air- plane baloon airborne air-bone) near30 (gateway gate adj way (base ground) adj station) near30 interfer\$5	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/23 06:09
S48	153	stratospheric\$3 near12 satellite	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/23 07:51
S49	75	stratospheric\$3 near5 satellite	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/23 07:51
S50	44	(stratospheric\$3 near5 satellite) not (directv)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/23 07:53
S51	35	(stratospheric\$3 near5 satellite) not (directv hughes)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/23 07:53
S54	0	((stratospheric\$3 near5 satellite) and phased adj array) not (directv hughes)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/23 07:57
S55	0	((stratospheric\$3 near5 satellite) and (phased adj array)) not (directv hughes)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/23 07:58

S56	24	((stratospheric\$3 near5 satellite) and (phased adj array))	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/23 07:58
S72	345	((aircraft platform fly \$4 airship airplane balloon air-craft plat- form air-ship air- plane balloon airbone air-bone) and (interfer\$5 near5 between near5 (link\$3 beam \$4 signal\$4 path channel)) and (gateway gate adj way (base ground) adj station)) not (directv hughes)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/23 08:57
S73	23	((aircraft platform fly \$4 airship airplane balloon air-craft plat- form air-ship air- plane balloon airbone air-bone) and (interfer\$5 near5 between near5 (beam\$4)) and (gateway gate adj way (base ground) adj station)) not (directv hughes)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/23 08:58
S74	172	((aircraft platform fly \$4 airship airplane balloon air-craft plat- form air-ship air- plane balloon airbone air-bone) and (interfer\$5 near5 (beam\$4)) and (gateway gate adj way (base ground) adj station)) not (directv hughes)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/23 09:01

S75	506	((aircraft platform fly \$4 airship airplane balloon air-craft plat- form air-ship air- plane balloon airbone air-bone) same (interfer\$5 near12 (link\$3 beam \$4 signal\$4 path channel)) and (gateway gate adj way (base ground) adj station)) not (directv hughes)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/23 12:39
S76	80	((aircraft platform fly \$4 airship airplane balloon air-craft plat- form air-ship air- plane balloon airbone air-bone) same (interfer\$5 near12 (between each) near12 (link\$3 beam\$4 signal\$4 path channel)) and (gateway gate adj way (base ground) adj station)) not (directv hughes)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/23 13:03
S77	30	((aircraft platform fly \$4 airship airplane balloon air-craft plat- form air-ship air- plane balloon airbone air-bone) same (interfer\$5 near12 (between each) near12 (link\$3 beam\$4 signal\$4 path channel)) same (gateway gate adj way (base ground) adj station)) not (directv hughes)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/23 13:13

S78	30	((aircraft platform fly \$4 airship airplane balloon blimp air- craft plat-form air- ship air-plane balloon blimp airbone air-bone) same (interfer\$5 near12 (between each) near12 (link\$3 beam\$4 signal\$4 path channel)) same (gateway gate adj way (base ground) adj station)) not (directv hughes)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/23 13:29
S79	38	((aircraft platform fly \$4 airship airplane balloon blimp air- craft plat-form air- ship air-plane balloon blimp airbone air-bone) same (interfer\$5 near12 ((between each) adj5 (link\$3 beam\$4 signal\$4 path channel))) and (gateway gate adj way (base ground) adj station)) not (directv hughes)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/23 13:38
S80	40	((aircraft platform fly \$4 airship airplane balloon blimp air- craft plat-form air- ship air-plane balloon blimp airbone air-bone) same (interfer\$5 near12 ((between each amou\$4) adj5 (link\$3 beam\$4 signal \$4 path channel))) and (gateway gate adj way (base ground) adj station)) not (directv hughes)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/23 13:39



S81	0	((aircraft platform fly \$4 airship airplane balloon blimp air- craft plat-form air- ship air-plane balloon blimp airbone air-bone) same (interfer\$5 near12 ((first near30 second) adj2 (link\$3 beam\$4 signal\$4 path channel))) and (gateway gate adj way (base ground) adj station)) not (directv hughes)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/23 19:07
S83	0	((aircraft platform fly \$4 airship airplane balloon blimp air- craft plat-form air- ship air-plane balloon blimp airbone air-bone) same (interfer\$5 near12 ((first near30 second) adj2 (link\$3 beam\$4 signal\$4 path channel))) and (gateway gate adj way (base ground) adj station))	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/23 19:09
S85	0	((stratospheric aircraft platform fly \$4 airship airplane balloon blimp air- craft plat-form air- ship air-plane balloon blimp airbone air-bone) same (interfer\$5 near12 ((first near30 second) adj2 (link\$3 beam\$4 signal\$4 path channel))) and (gateway gate adj way (base ground) adj station))	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/23 19:11

S86	1	((stratospheric aircraft platform fly \$4 airship airplane balloon blimp aircraft plat-form airship air-plane balloon blimp airborne air-bone) same (interfer\$5 near12 ((second) adj2 (link\$3 beam\$4 signal\$4 path channel))) and (gateway gate adj way (base ground) adj station))	USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/23 19:12
S87	56	((stratospheric aircraft platform fly \$4 airship airplane balloon blimp aircraft plat-form airship air-plane balloon blimp airborne air-bone) near30 (interfer\$5 near12 (link\$3 beam \$4 signal\$4 path channel)) near30 (gateway gate adj way (base ground) adj station))	USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/23 19:14
S88	52	((stratospheric aircraft platform fly \$4 airship airplane balloon blimp aircraft plat-form airship air-plane balloon blimp airborne air-bone) near30 (interfer\$5 near12 (link\$3 beam \$4 signal\$4 path channel)) near30 (gateway gate adj way (base ground) adj station)) not (directv hughes)	USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/23 19:15
S91	1	"05966371"	USPAT	OR	ON	2009/08/26 21:25

S92	0	"05966371" and (stratospheric aircraft platform fly \$4 airship airplane balloon blimp air- craft plat-form air- ship air-plane balloon blimp airbone air-bone)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 21:36
S93	1	"05966371" and satellite	USPAT	OR	ON	2009/08/26 21:37
S94	710	(stratospheric aircraft platform fly \$4 airship airplane balloon blimp air- craft plat-form air- ship air-plane balloon blimp airbone air-bone).ab. and (beam\$4 near30 interfer\$5)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 21:39
S95	704	(stratospheric aircraft platform fly \$4 airship airplane balloon blimp air- craft plat-form air- ship air-plane balloon blimp airbone air-bone).ab. and (beam\$4 near22 interfer\$5)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 21:39
S96	336	(stratospheric aircraft platform fly \$4 airship airplane balloon blimp air- craft plat-form air- ship air-plane balloon blimp airbone air-bone).ab. and (stratospheric aircraft platform fly \$4 airship airplane balloon blimp air- craft plat-form air- ship air-plane balloon blimp airbone air-bone) same (beam\$4 near30 interfer\$5)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/26 21:40

S97	328	((stratospheric aircraft platform fly \$4 airship airplane balloon blimp aircraft plat-form air-ship air-plane balloon blimp airborne air-bone).ab. and (stratospheric aircraft platform fly \$4 airship airplane balloon blimp aircraft plat-form air-ship air-plane balloon blimp airborne air-bone) same (beam\$4 near30 interfer\$5)) not (directv hughes)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/27 10:32
S98	0	((stratospheric aircraft platform fly \$4 airship airplane balloon blimp aircraft plat-form air-ship air-plane balloon blimp airborne air-bone).ab. and (stratospheric aircraft platform fly \$4 airship airplane balloon blimp aircraft plat-form air-ship air-plane balloon blimp airborne air-bone) same ((link signal path channel) near22 interfer\$5 near22 (each adject \$6))) not (directv hughes)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/27 10:48

S99	1081	((stratospheric aircraft platform fly \$4 airship airplane balloon blimp aircraft plat-form airship air-plane balloon blimp airborne air-bone).ab. and (stratospheric aircraft platform fly \$4 airship airplane balloon blimp aircraft plat-form airship air-plane balloon blimp airborne air-bone) same ((link signal path channel) near22 interfe\$5 )) not (directv hughes)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/27 10:49
S100	34	((stratospheric aircraft platform fly \$4 airship airplane balloon blimp aircraft plat-form airship air-plane balloon blimp airborne air-bone).ab. and (stratospheric aircraft platform fly \$4 airship airplane balloon blimp aircraft plat-form airship air-plane balloon blimp airborne air-bone) same ((link signal path channel) near22 interfe\$5 near12 adjac\$4)) not (directv hughes)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/27 10:49

S101	2971	(stratospheric aircraft platform fly \$4 airship airplane balloon blimp aircraft plat-form airship air-plane balloon blimp airborne air-bone).ab. and (stratospheric aircraft platform fly \$4 airship airplane balloon blimp aircraft plat-form airship air-plane balloon blimp airborne air-bone) near5 (satellite satellite)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/27 10:53
S102	1283	(stratospheric aircraft platform fly \$4 airship airplane balloon blimp aircraft plat-form airship air-plane balloon blimp airborne air-bone).ti. and (stratospheric aircraft platform fly \$4 airship airplane balloon blimp aircraft plat-form airship air-plane balloon blimp airborne air-bone) near5 (satellite satellite)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/27 10:54
S104	1193	(satellite satellite).ti. and ((satellite satellite) adj12 (stratospheric aircraft platform fly \$4 airship airplane balloon blimp aircraft plat-form airship air-plane balloon blimp airborne air-bone))	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/27 10:55

S105	893	((satellite satellite).ti. and ((satellite satellite) adj5 (stratospheric aircraft platform fly \$4 airship airplane balloon blimp air- craft plat-form air- ship air-plane balloon blimp airbone air-bone))	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/27 10:55
S106	206	((satellite satellite).ti. and ((satellite satellite) adj5 (stratospheric aircraft platform fly \$4 airship airplane balloon blimp air- craft plat-form air- ship air-plane balloon blimp airbone air-bone)) and (gateway gate adj way (base ground) adj station)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/27 10:57
S107	163	((satellite satellite).ti. and ((satellite satellite) adj5 (stratospheric aircraft platform airship airplane balloon blimp air- craft plat-form air- ship air-plane balloon blimp airbone air-bone)) and (gateway gate adj way (base ground) adj station)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/27 10:59
S108	131	((satellite satellite).ti. and ((satellite satellite) adj5 (stratospheric aircraft platform airship airplane balloon blimp air- craft plat-form air- ship air-plane balloon blimp airbone air-bone)) and (gateway gate adj way (base	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/27 11:03

		ground) adj station)) not (directv hughes)				
S109	89	((satellite satellite).ti. and ((satellite satellite) adj3 (stratospheric aircraft platform airship airplane balloon blimp air- craft plat-form air- ship air-plane balloon blimp airbone air-bone)) and (gateway gate adj way (base ground) adj station)) not (directv hughes)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/27 11:09
S110	1958	((satellite satellite) adj3 (stratospheric aircraft platform airship airplane balloon blimp air- craft plat-form air- ship air-plane balloon blimp airbone air-bone)) not (directv hughes)	USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/27 12:52
S111	1205	((satellite satellite) adj3 (stratospheric aircraft platform airship airplane balloon blimp air- craft plat-form air- ship air-plane balloon blimp airbone air-bone)) not (directv hughes)	USPAT	OR	ON	2009/08/27 12:53
S112	92	((satellite satellite) adj3 (used imple\$6) adj12 (stratospheric aircraft platform airship airplane balloon blimp air- craft plat-form air- ship air-plane balloon blimp airbone air-bone)) not (directv hughes)	USPAT	OR	ON	2009/08/27 12:59



S113	20	((satellite satellite) adj3 like adj12 (stratospheric aircraft platform airship airplane balloon blimp air- craft plat-form air- ship air-plane balloon blimp airbone air-bone)) not (directv hughes)	USPAT	OR	ON	2009/08/27 13:05
S114	6	((satellite satellite) adj3 simil\$5 adj12 (stratospheric aircraft platform airship airplane balloon blimp air- craft plat-form air- ship air-plane balloon blimp airbone air-bone)) not (directv hughes)	USPAT	OR	ON	2009/08/27 13:06

## EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	23	((aircraft platform fly \$4 airship airplane balloon blimp air-craft plat-form air-ship air- plane balloon blimp airbone air-bone) same (interfer\$5 near12 ((between each amou\$4) adj5 (link\$3 beam\$4 signal \$4 path channel))) and (gateway gate adj way (base ground) adj station)) not (directv hughes)	USPAT; UPAD	OR	ON	2009/08/27 14:44

L2	22	((satellite satellite) adj3 like adj12 (stratospheric aircraft platform airship airplane balloon blimp air-craft plat-form air-ship air-plane balloon blimp airborne air-bone)) not (directv hughes)	USPAT; UPAD	OR	ON	2009/08/27 14:46
S32	0	"09661967"	USPAT; UPAD	OR	ON	2009/08/22 12:29
S89	42	((stratospheric aircraft platform fly\$4 airship airplane balloon blimp air-craft plat-form air-ship air-plane balloon blimp airborne air-bone) near30 (interfer \$5 near12 (link\$3 beam \$4 signal\$4 path channel)) near30 (gateway gate adj way (base ground) adj station)) not (directv hughes)	USPAT; UPAD	OR	ON	2009/08/23 19:38

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